

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 05-256455

(43)Date of publication of application : 05.10.1993

(51)Int.Cl. F24C 1/00
F24C 7/02

(21)Application number : 04-057822 (71)Applicant : MATSUSHITA ELECTRIC IND CO LTD

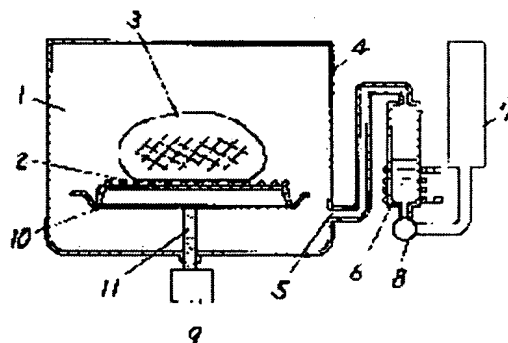
(22)Date of filing : 16.03.1992 (72)Inventor : TANAKA JUNZO
UNO HIROSHI
FUJITANI YOSHITOMO

(54) STEAM COOKING DEVICE

(57)Abstract:

PURPOSE: To shorten cooking time by vibrating an object to be cooked in a space filled with steam so that nearly all of the latent heat of the steam is transferred to the object.

CONSTITUTION: During the time while a steam generator 6 is being driven and an object to be cooked 3 is being cooked in a heating chamber 1 filled with steam, the object 3 is vibrated by a vibration generator 9 for vibrating a mount base 10. As a result, the possibility of allowing the object 3 to come into contact with the steam floating in the air increases so that energy of the steam can be efficiently transferred to the object 3. By vibrating the object 3, water droplets attached to the object 3 can be shaken off, and hence most of the latent heat of the steam is transferred to the object 3, resulting in improved thermal efficiency. Consequently, cooking time can be shortened.



LEGAL STATUS

[Date of request for examination] 22.06.1998

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number] 2899471

[Date of registration] 12.03.1999

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's